

## Refine Search

### Search Results -

Terms	Documents
L15 not L16	31

Database:

US Pre-Grant Publication Full-Text Database  
 US Patents Full-Text Database  
 US OCR Full-Text Database  
 EPO Abstracts Database  
 JPO Abstracts Database  
 Derwent World Patents Index  
 IBM Technical Disclosure Bulletins

Search:

L17

Refine Search

Recall Text

Clear

Interrupt

### Search History

DATE: Wednesday, March 03, 2004    [Printable Copy](#)    [Create Case](#)

#### Set Name Query

side by side

#### Hit Count Set Name

result set

DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI; PLUR=YES; OP=ADJ

<u>L1</u>	polyolefin	184193	<u>L1</u>
<u>L2</u>	L1 with \$6module	162	<u>L2</u>
<u>L3</u>	L1 with (homogeneous or uniform or homogeniz\$6)	3273	<u>L3</u>
<u>L4</u>	12 and L3	2	<u>L4</u>
<u>L5</u>	L1 with mixture	22428	<u>L5</u>
<u>L6</u>	13 and L5	1323	<u>L6</u>
<u>L7</u>	L1 with amorphous	3790	<u>L7</u>
<u>L8</u>	16 and L7	101	<u>L8</u>
<u>L9</u>	L8 and solvent	73	<u>L9</u>
<u>L10</u>	L8 and viscosity	66	<u>L10</u>
<u>L11</u>	L1 with (homogen\$6 or homogeniz\$6)	2160	<u>L11</u>
<u>L12</u>	17 and L11	131	<u>L12</u>
<u>L13</u>	L12 and viscosity	85	<u>L13</u>
<u>L14</u>	L13 and molecular weight	75	<u>L14</u>
<u>L15</u>	L14 and solvent	64	<u>L15</u>
<u>L16</u>	L15 and 525/\$.ccls.	33	<u>L16</u>
<u>L17</u>	115 not L16	31	<u>L17</u>

## Refine Search

### Search Results -

Terms	Documents
L3 and solvent	16

Database:

US Pre-Grant Publication Full-Text Database  
 US Patents Full-Text Database  
 US OCR Full-Text Database  
 EPO Abstracts Database  
 JPO Abstracts Database  
 Derwent World Patents Index  
 IBM Technical Disclosure Bulletins

Search:

L4 and \$6modal

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### Search History

 DATE: Wednesday, March 03, 2004    [Printable Copy](#)    [Create Case](#)

<u>Set</u> <u>Name</u> side by side	<u>Query</u>	<u>Hit</u> <u>Count</u>	<u>Set</u> <u>Nam</u> result
	<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI; PLUR=YES; OP=ADJ</i>		
<u>L1</u>	osan-frank\$.in. or berger-klaus\$.in. or ruchatz-dieter\$.in. or stark-oliver\$.in. or nakamura-toru\$.in.	1371	<u>L1</u>
<u>L2</u>	L1 and polyolefin	115	<u>L2</u>
<u>L3</u>	L2 and (homogeniz\$6 or homogen\$6)	21	<u>L3</u>
<u>L4</u>	L3 and solvent	16	<u>L4</u>

END OF SEARCH HISTORY

# Hit List

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Bkwd Refs

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Search Results - Record(s) 1 through 16 of 16 returned.

☐ 1. Document ID: US 20030027003 A1

Using default format because multiple data bases are involved.

L4: Entry 1 of 16

File: PGPB

Feb 6, 2003

PGPUB-DOCUMENT-NUMBER: 20030027003

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030027003 A1

TITLE: Process film for use in producing ceramic green sheet and method for producing the fil

PUBLICATION-DATE: February 6, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Nakamura, Toru	Saitama		JP	
Shibano, Tomishi	Saitama		JP	

US-CL-CURRENT: 428/447

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Image
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☐ 2. Document ID: US 6169052 B1

L4: Entry 2 of 16

File: USPT

Jan 2, 2001

US-PAT-NO: 6169052

DOCUMENT-IDENTIFIER: US 6169052 B1

TITLE: Metallocene and catalyst used for the preparation of chemically homogeneous cycloolefi copolymers

DATE-ISSUED: January 2, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Brekner; Michael-Joachim	Frankfurt am Main			DE
Osan; Frank	Kelkheim			DE
Rohrmann; Jurgen	Liederbach			DE
Antberg; Martin	Hofheim am Taunus			DE

US-CL-CURRENT: 502/152, 502/153, 526/127, 526/160, 526/943, 556/11, 556/12, 556/13, 556/19, 556/20, 556/43, 556/51, 556/52, 556/53

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Image
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☐ 3. Document ID: US 6124029 A

L4: Entry 3 of 16

File: USPT

Sep 26, 2000

US-PAT-NO: 6124029

DOCUMENT-IDENTIFIER: US 6124029 A

TITLE: Oriented film composed of thermoplastic polymer with particulate hollow bodies, a process for its production and its use

DATE-ISSUED: September 26, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Schreck; Michael	Frankfurt			DE
Ahlers; Michael	Mainz			DE
Osan; Frank	Kelkheim			DE

US-CL-CURRENT: [428/327](#); [428/308.4](#), [428/313.5](#), [428/314.2](#), [428/314.8](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Figure Desc	Attachment	Claims	KWIC	Draw Desc	Image
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☐ 4. Document ID: US 6068936 A

L4: Entry 4 of 16

File: USPT

May 30, 2000

US-PAT-NO: 6068936

DOCUMENT-IDENTIFIER: US 6068936 A

TITLE: Polyolefin film containing cycloolefin polymer, process for the production thereof, and the use thereof

DATE-ISSUED: May 30, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Peiffer; Herbert	Mainz			DE
Schlogl; Gunter	Kelkheim			DE
Dries; Thomas	Schwabenheim			DE
Osan; Frank	Kelkheim			DE

US-CL-CURRENT: [428/500](#); [156/244.11](#), [264/173.12](#), [264/173.16](#), [264/176.1](#), [428/515](#), [428/516](#), [428/519](#), [428/523](#), [428/910](#), [525/210](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Figure Desc	Attachment	Claims	KWIC	Draw Desc	Image
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☐ 5. Document ID: US 5866662 A

L4: Entry 5 of 16

File: USPT

Feb 2, 1999

US-PAT-NO: 5866662

DOCUMENT-IDENTIFIER: US 5866662 A

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## Record List Display

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TITLE: Cycloolefin polymers

DATE-ISSUED: February 2, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hatke; Wilfried	Hofheim			DE
<u>Osan; Frank</u>	Kelkheim			DE

US-CL-CURRENT: 526/160; 526/281, 526/283, 526/284, 526/308, 526/348, 526/348.6, 526/351,  
526/352, 526/943

Full	Title	Citation	Front	Review	Classification	Date	Reference	Calendar	Attachments	Claims	KWC	Draw Desc	Image
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☐ 6. Document ID: US 5866246 A

L4: Entry 6 of 16

File: USPT

Feb 2, 1999

US-PAT-NO: 5866246

DOCUMENT-IDENTIFIER: US 5866246 A

TITLE: Oriented film composed of thermoplastic polymer with particulate hollow bodies, a process for its production and its use

DATE-ISSUED: February 2, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Schreck; Michael	Frankfurt			DE
Ahlers; Michael	Mainz			DE
<u>Osan; Frank</u>	Kelkheim			DE

US-CL-CURRENT: 428/327; 428/308.4, 428/313.5, 428/314.2, 428/314.8

Full	Title	Citation	Front	Review	Classification	Date	Reference	Calendar	Attachments	Claims	KWC	Draw Desc	Image
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☐ 7. Document ID: US 5856414 A

L4: Entry 7 of 16

File: USPT

Jan 5, 1999

US-PAT-NO: 5856414

DOCUMENT-IDENTIFIER: US 5856414 A

TITLE: Cycloolefin polymers

DATE-ISSUED: January 5, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hatke; Wilfried	Hofheim			DE
<u>Osan; Frank</u>	Kelkheim			DE

US-CL-CURRENT: 526/160; 526/159, 526/281, 526/283, 526/308, 526/348, 526/348.6, 526/943

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Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Abstract	Claims	KWMC	Draw Desc	Image
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☐ 8. Document ID: US 5756623 A

L4: Entry 8 of 16

File: USPT

May 26, 1998

US-PAT-NO: 5756623

DOCUMENT-IDENTIFIER: US 5756623 A

TITLE: Cycloolefin copolymers and processes for their preparation

DATE-ISSUED: May 26, 1998

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kreuder; Willi	Mainz			DE
<u>Osan; Frank</u>	Kelkheim			DE

US-CL-CURRENT: 526/308; 526/281, 526/283, 526/297, 526/300, 526/309, 526/316, 526/348, 526/35  
526/352

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Abstract	Claims	KWMC	Draw Desc	Image
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☐ 9. Document ID: US 5719095 A

L4: Entry 9 of 16

File: USPT

Feb 17, 1998

US-PAT-NO: 5719095

DOCUMENT-IDENTIFIER: US 5719095 A

TITLE: Supported catalyst system, the preparation thereof, and the use thereof for the polymerization of olefins

DATE-ISSUED: February 17, 1998

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Brekner; Michael-Joachim	Frankfurt am Main			DE
Bachmann; Bernd	Eppstein/Taunus			DE
<u>Osan; Frank</u>	Kelkheim/Taunus			DE
Alberti; Klaus	Idstein/Taunus			DE
Winter; Andreas	Glashutten/Taunus			DE

US-CL-CURRENT: 502/104; 502/117, 502/152, 502/522, 526/160, 526/943

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Abstract	Claims	KWMC	Draw Desc	Image
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☐ 10. Document ID: US 5646220 A

L4: Entry 10 of 16

File: USPT

Jul 8, 1997

US-PAT-NO: 5646220

DOCUMENT-IDENTIFIER: US 5646220 A

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TITLE: Cycloolefin block copolymers and a process for their preparation

DATE-ISSUED: July 8, 1997

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Brekner; Michael-Joachim	Frankfurt am Main			DE
<u>Osan; Frank</u>	Kelkheim			DE
Rohrmann; Jurgan	Kelkheim			DE

US-CL-CURRENT: 526/160; 525/289, 525/297, 526/127, 526/133, 526/169, 526/169.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Document	Claims	KWIC	Draw Desc	Image
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☐ 11. Document ID: US 5623039 A

L4: Entry 11 of 16

File: USPT

Apr 22, 1997

US-PAT-NO: 5623039

DOCUMENT-IDENTIFIER: US 5623039 A

TITLE: Cycloolefin polymers

DATE-ISSUED: April 22, 1997

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hatke; Wilfried	Hofheim			DE
<u>Osan; Frank</u>	Kelkheim			DE

US-CL-CURRENT: 526/281; 526/160, 526/283, 526/308, 526/348, 526/348.6, 526/943

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Document	Claims	KWIC	Draw Desc	Image
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☐ 12. Document ID: US 5610253 A

L4: Entry 12 of 16

File: USPT

Mar 11, 1997

US-PAT-NO: 5610253

DOCUMENT-IDENTIFIER: US 5610253 A

TITLE: Cycloolefin polymers

DATE-ISSUED: March 11, 1997

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hatke; Wilfried	Hofheim			DE
<u>Osan; Frank</u>	Kelkheim			DE

US-CL-CURRENT: 526/281; 526/160, 526/283, 526/308, 526/348, 526/348.6, 526/943

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Document	Claims	KWIC	Draw Desc	Image
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☐ 13. Document ID: US 5565534 A

L4: Entry 13 of 16

File: USPT

Oct 15, 1996

US-PAT-NO: 5565534

DOCUMENT-IDENTIFIER: US 5565534 A

TITLE: Process for the preparation of polyolefins

DATE-ISSUED: October 15, 1996

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Aulbach; Michael	Hofheim			DE
Bachmann; Bernd	Eppstein			DE
Erker; Gerhard	Munster			DE
Psiorz; Christian	Munster			DE
Kuber; Frank	Oberursel			DE
<u>Osan; Frank</u>	Kelkheim			DE
Weller; Thomas	Mainz			DE
Herrmann; Hans-Friedrich	Darmstadt			DE

US-CL-CURRENT: 526/160; 526/126, 526/127, 526/170, 526/282, 526/351, 526/352, 526/943

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Claims	KWC	Draw Desc	Image
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☐ 14. Document ID: US 5475060 A

L4: Entry 14 of 16

File: USPT

Dec 12, 1995

US-PAT-NO: 5475060

DOCUMENT-IDENTIFIER: US 5475060 A

TITLE: Cycloolefin block copolymers and a process for their preparation

DATE-ISSUED: December 12, 1995

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Brekner; Michael-Joachim	Frankfurt am Main			DE
<u>Osan; Frank</u>	Kelkheim			DE
Rohrmann; Jurgen	Kelkheim			DE

US-CL-CURRENT: 525/289; 525/297, 525/88, 525/95, 525/97

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Claims	KWC	Draw Desc	Image
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☐ 15. Document ID: US 5331057 A

L4: Entry 15 of 16

File: USPT

Jul 19, 1994

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US-PAT-NO: 5331057

DOCUMENT-IDENTIFIER: US 5331057 A

TITLE: Cycloolefin block copolymers and a process for their preparation

DATE-ISSUED: July 19, 1994

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Brekner; Michael-Joachim	Frankfurt am Main			DE
Osan; Frank	Kelkheim			DE
Rohrmann; Jurgen	Kelkheim			DE

US-CL-CURRENT: 525/289; 525/210, 525/216, 525/297, 526/943

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☐ 16. Document ID: US 5324801 A

L4: Entry 16 of 16

File: USPT

Jun 28, 1994

US-PAT-NO: 5324801

DOCUMENT-IDENTIFIER: US 5324801 A

TITLE: Process for the preparation of chemically homogeneous cycloolefin copolymers

DATE-ISSUED: June 28, 1994

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Brekner; Michael-Joachim	Frankfurt am Main			DE
Osan; Frank	Kelkheim			DE
Rohrmann; Jurgen	Liederbach			DE
Antberg; Martin	Hofheim am Taunus			DE

US-CL-CURRENT: 526/160; 502/155, 526/127, 526/132, 526/281, 526/943

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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Terms

Documents

L3 and solvent

16

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